

**METHODS FOR CREATING A COMPOUND LIBRARY AND
IDENTIFYING LEAD CHEMICAL TEMPLATES AND LIGANDS FOR
TARGET MOLECULES**

5

Abstract of the Disclosure

A method for developing a library of compounds, the compound library,
a method for identifying ligands for target molecules, and a method for
10 identifying lead chemical templates, which, for example, can be used in drug
discovery and design are provided. Certain embodiments of these methods
include the use of NMR spectroscopy.

"EXPRESS MAIL" MAILING LABEL NUMBER: EL5424039450S
DATE OF DEPOSIT: 29 SEPTEMBER 2000
I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE
UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE"
SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO
THE ASSISTANT COMMISSIONER FOR PATENTS,
WASHINGTON, D.C. 20231
PRINTED NAME Ann M. Mueeting
SIGNATURE Ann M. Mueeting